


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

| | | |
|---|---|---|
|  <p>UKAS REFERENCE MATERIALS</p> <p>4002</p> <p>Accredited to ISO Guide 34:2009</p> | <p>NPL Management Ltd</p> <p>Issue No: 009 Issue date: 23 August 2016</p> | |
| | <p>Hampton Road Teddington Middlesex TW11 0LW</p> | <p>Contact: Customer Helpline Tel: +44 (0) 20 8943 7070 Fax: +44 (0) 20 8943 6184 E-Mail: measurement_services@npl.co.uk Website: www.npl.co.uk</p> |
| <p>Reference material production at the above address</p> | | |

DETAIL OF ACCREDITATION

| Matrix / Artefact | Property Value(s) / Identity / Characterisation Range | Characterisation Procedure / Technique |
|--|--|---|
| <p><u>Gaseous Reference Materials</u></p> <p>Single and Multi Component Gas Mixtures</p> | <p>Gas mixtures containing components with amount fractions down to nmol/mol levels.</p> <p>Gas mixtures include those listed in the BIPM CMC tables: http://kcdb.bipm.org/appendixc/QM/GB/QM_GB_4.pdf</p> <p>The laboratory also has accreditation to ISO/IEC 17025:2005 (0478) for the preparation of synthetic gas mixtures and the certification of calibrated synthetic gas mixtures</p> | <p>Measurement by a single primary reference method at NPL. Method selected from: NDIR, NDUV, chemiluminescence, GC-TCD or GC-FID</p> |
| <p><u>Reference Materials for Thermophysical Properties</u></p> <p>Expanded polystyrene</p> <p>Perspex (Polymethylmethacrylate)</p> <p>Metal alloy</p> | <p>Thermal conductivity</p> <p>Thermal conductivity</p> | <p>Measurement by a single, primary, reference method at NPL (Guarded hot-plate conforming to ISO 8302:1991)</p> <p>Measurement by a single, primary, reference method at NPL (Axial heat flow meter)</p> |
| <p>END</p> | | |